

From glowbugs@theporch.com Fri Dec 1 20:45:54 1995  
Return-Path: glowbugs@theporch.com  
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com  
(8.7.1/AUX-3.1.1) with SMTP id UAA06070; Fri, 1 Dec 1995 20:42:35 -0600 (CST)  
Date: Fri, 1 Dec 1995 20:42:35 -0600 (CST)  
Message-Id: <199512020242.UAA06070@uro.theporch.com>  
Errors-To: ws4s@midtenn.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 35  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 35

Topics covered in this issue include:

- 1) European Tube Types  
by kellymed@tmxbris.mhs.oz.au (Murray Kelly)
- 2) Glowbuggin' Tonight....(cont.).  
by rdkeys@csemail.cropsci.ncsu.edu
- 3) Easytrax: Installation difficulties: All's Well now!!  
by smohan@telenet.com (Sam Mohan (cont))
- 4) Re: Glowbuggin' Tonight....(cont.).  
by af852@rgfn.epcc.Edu (William R Colbert)
- 5)  
by Jake Hellbach <kk5hy@accesscom.net>
- 6) EASYTRAX  
by BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
- 7) Re: Hi-Z phones  
by tbowman@leba.net

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Date: Fri, 01 Dec 95 00:18:13 AES  
From: kellymed@tmxbris.mhs.oz.au (Murray Kelly)  
To: glowbugs@theporch.com  
Subject: European Tube Types  
Message-ID: <650@tmxbris.mhs.oz.au>

I looked up my books and the 'equivalents' are:

6BR7 - EF86 - 6267 - CV2135

6AM5 - EL91  
6AM6 - EF91 - CV138

But you're right - they are US type numbres.

Hope this is a help.

Murray Kelly. vk4aok.

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Date: Fri, 1 Dec 1995 10:51:52 -0500 (EST)  
From: rdkeys@csemail.cropsci.ncsu.edu  
To: glowbugs@theporch.com  
Cc: rdkeys@csemail.cropsci.ncsu.edu ()  
Subject: Glowbuggin' Tonight....(cont.).  
Message-ID: <9512011551.AA103557@csemail.cropsci.ncsu.edu>

I was on last night with our illustrious and fine Glowbug leader, the infamous and well known Conard/WS4S, and he was coming through well on his 100 watts from TENN to NC. He could not hear Henrietta Hartley, tho. Big Bertha, came through arm chair copy (what else would one expect from a 60 year old salty dawg, who has probably plied many fine backwaters of the world on some ancient rustbucket). The ol' RAL regenerator was in fine shape, shaving the sidebands off the dx hounds who were wont to try some dxing on 1804khz. The glowingstate 1938 style DSP took 'em out as if they did not exist, at all. We will try Henrietta again tonight just after dark path formation, to see if the skip is better.

But, Henrietta Hartley, aka the George Grammer 1932 QST rehash using modern components and 6SN7 tube, worked GREAT! She made her first long haul QSO on the top band! Yeah! It was in the wee small hours, about 0600Z, I worked a fellow up in NY from NC on Henrietta Hartley at 5 w input. The ol' 6SN7 was really purrin' like a kitten, she were, at 275 vdc/20ma....(:+}}..... I can see I will have to breadboard her up a fine MG set using mebbe 400vdc..... I can smell the faint waft of brush ozone and bearing grease, right now.....

All right, all youse glowbuggers, gets yer parts an' whittles yer wood, an stokes up yer solderin' coppers, cuz the band she be hot!

If this ol' gaspin' geezer aka ``the ol' CW fart'' can do it, so can you!

The usual QRG of 1805 +-2 for QRM at QTR of 0300/0400/0500/0600Z will be where Henrietta Hartley runs tonight! See You There! .....news at 11!

73/ZUT DE NA4G/Bob

p.s. All Glowbuggers please be careful around breadboard glowbugging rigs. They can be downright tingly if you gets yer fingers into the works in the wrong way. Do use common sense, caution, and key with a relay to keep stray voltages on the rig and not on the operator. A ``chops'' (chief operator) does not need his ears or what little hair still resides upon his chrome-dome to be a 'standin' on end. GBF/BAF/ZUT

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*****
* 73 TU SU VA DE NA4G          ``Boat Anchor Bob'', an ol' CW fart. *
*****
* Morse has been in the family for over 100 years. *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914. *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
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Date: Fri, 1 Dec 95 11:08:26 EST  
From: smohan@telenet.com (Sam Mohan (cont))  
To: uunet!theporch.com!glowbugs@uunet.uu.net  
Cc: orchid!smohan@uunet.uu.net  
Subject: Easytrax: Installation difficulties: All's Well now!!  
Message-ID: <9512011608.AA03617@orchid.telenet.com>

Hi everybody,

With BOB LIESENFELD's help I have been able to install this software in my PC easily. I thought I will post the instructions here for anybody interested in Easytrax.

- 1) Use <http://www.acs.oakland.edu/oak> to get into oakland.edu system.
- 2) Select option one [SimTel/MS-DOS]
- 3) Look under "C". Select 'cad'
- 4) See easytrax.zip and select it to download.

To install:

- A) Create c:\easytrac and copy easytrax.zip there.
- B) Execute pkunzip \*.zip on the zip file.

C) dir \*.bat to see list of available video drivers.

D) Select the video card U have and run that .bat file.  
[e.g., I have VGA640x480 so I ran vga640.bat instead of,  
say, ega.bat] This sets up your display device driver.

Now U are all set to run easytrax!

Note: When U do the above procedure U will not get any doc to help U in running the s/w. This is because the 'read.me' file which contains the documentation+tutorial gets overwritten by subsequent unzipping. The trick to get around it, is to copy easytrax.zip in a temporary directory, say c:\temp, and 'pkunzip easytrax.zip' there. This way U unzip only one .zip file and not all the zip files. Now the read.me file that pops out of this unzipping is the doc+tuts that U need for using the s/w.

For folks with only FTP access: I did not use FTP access. The exact location was posted by someone a week ago. May be he/she can post it again.

For those who downloads from BBS: U may encounter .arc files instead of .zip files [like Bob did]. However except for the 'de-arc'ing' step, rest of installation procedure is very valid.

The Big Qtn: After all this I am not sure we can use this s/w for schematic creation! It appears to be a good PCB creation software. If it is like all good PCB design s/w, easytrax will have schematic symbols creation, library mgmt, schematic\_symbols to board foot-print symbols mapping, etc. That would definitely serve our purpose. However, I have not had time to explore all this last night. If somebody knows categorically that easytrax can or cannot handle schematics. please tell us! I am dying to get this doubt out of the way.

Cheers!

73 Sam N3UTM  
SMohan@Telenet.com  
Sam@Juno.com

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Date: Fri, 1 Dec 95 11:26:20 MST  
From: af852@rgfn.epcc.Edu (William R Colbert)  
To: glowbugs@theporch.com  
Subject: Re: Glowbuggin' Tonight....(cont.).  
Message-ID: <9512011826.AA28858@rgfn.epcc.Edu>

Well, I tried to listen but unfortunately my 24 hour a day neighbor was in fine form (5kw 600 Khz = poor/no reception at 1.805, and does not begin to clear until approaching 1.828 - 1.830. I can't drop it down with a loop as it is e-ne. Will keep trying tho, and hope for a power failure so I can fire up a battery rig.

73

Ray, W5XE, El Paso  
af852@rgfn.epcc.edu

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Date: Fri, 1 Dec 95 14:53 CST  
From: Jake Hellbach <kk5hy@accesscom.net>  
To: glowbugs@theporch.com  
Cc: boatanchors@theporch.com  
Message-ID: <199512012053.0AA29548@uro.theporch.com>

Hello to all,

I just received a message from the ARRL that the W2AN will be on the air as a special event station on Saturday, December 2, and Saturday, December 9, from 7 PM EST to midnight. The transmitter, restored by the Antique Wireless Association, was used for transatlantic contacts in 1921. Listen for its bell-like tone on or near 1815 kHz. QSL via AWA, 59 Main St, Bloomfield, NY 14469.

(Quote from arrl message)

Just thought you might like to hear an actual 1921 tx.

73 Jake KK5HY

Email via: kk5hy@accesscom.net  
Check out the Westside ARC Web page at:  
<http://www.accesscom.net/~kk5hy>

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Date: Fri, 01 Dec 1995 12:48:33 -0100  
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)  
To: glowbugs@theporch.com  
Subject: EASYTRAX  
Message-ID: <817830283.AA04452@hamlink.mn.org>

Hi gang,

There have been some questions raised if Easytrax can draw schematics. The answer is yes :-) Is it easy? The answer is no :-(  
There are many ways to do it but for example: Pick the "ARC"

function, which will draw a circle which can then be sized. You can now choose "trace" and put a "line" in the circle. By repeating this action you can make a tube or a transistor :-(

By selecting "block" you can highlight the whole mess and then add the block to a library, which makes it easier next time. Other components can be made in similar fashion. It's a bit tedious at first, but gets easier with practice.

The docs in the main file tell all about this, but I found it easier to fumble my way through it.

You can post me if you get stumped.

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

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HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!  
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org  
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Date: Fri, 1 Dec 1995 20:40:11 -0500 (EST)  
From: tbowman@leba.net  
To: brucerob@epas.utoronto.ca,  
Subject: Re: Hi-Z phones  
Message-ID: <199512020140.UAA16709@fig.leba.net>

This might sound crude, but I remember as a kid taking high-z headphones and touching the probes to either side of my tongue. There was a discernable but soft clicking from, I guess, some kind of battery formed there.

Geesh. This sounds sick.

Anyway, I just tried this with two sets of cans, Trimm and Acme.

It didn't work.

To take this further, I've always wondered if high-z fones don't lose sensitivity over time. My guess is the magnets lose power over the decades.

These fones look about 30 or 40 yrs old. They don't taste too good either.  
Hi!

Tom, WA3REY

<---- Begin Included Message ---->

Date: Tue, 28 Nov 1995 19:23:43 -0600 (CST)  
From: Bruce Robertson <brucerob@epas.utoronto.ca>

Reply-To: brucerob@epas.utoronto.ca  
Subject: Hi-Z phones  
To: ws4s@midtenn.net

This topic reminds me of something I've been wondering for a while:

Is there a simple way to test if phones are high-z while you are in the store (at the hamfest). I've seen phones that look like they ought to be, but I've not bought them because I don't need another set of 8 ohm phones if that's what they are.

I'm thinking of a trick with ohmmeter or battery or something. Maybe check to see that they don't work on a walkman???

73, VE3UWL

Bruce G. Robertson Dept. of Classics, U. of T.

<---- End Included Message ---->

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End of GLOWBUGS Digest 35  
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